

#4

PCT09

## RAW SEQUENCE LISTING

DATE: 12/21/2001

PATENT APPLICATION: US/09/980,945

TIME: 13:00:35

Input Set : A:\USSEQLIST.TXT

Output Set: N:\CRF3\12212001\I980945.raw

ENTERED

4 <110> APPLICANT: JANSON, CHERYL ANN  
 5 QIU, XIAYANG  
 8 <120> TITLE OF INVENTION: NOVEL FABH ENZYME COMPOSITIONS CAPABLE  
 9 OF BINDING TO SAID ENZYME AND METHODS OF USE THEREOF  
 12 <130> FILE REFERENCE: P50937  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/980,945  
 15 <141> CURRENT FILING DATE: 2001-12-05  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US00/15659  
 18 <151> PRIOR FILING DATE: 2000-06-07  
 20 <150> PRIOR APPLICATION NUMBER: 60/138,124  
 21 <151> PRIOR FILING DATE: 1999-06-07  
 23 <160> NUMBER OF SEQ ID NOS: 3  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 317  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Escherichia coli  
 32 <400> SEQUENCE: 1  
 33 Met Tyr Thr Lys Ile Ile Gly Thr Gly Ser Tyr Leu Pro Glu Gln Val  
 34 1 5 10 15  
 35 Arg Thr Asn Ala Asp Leu Glu Lys Met Val Asp Thr Ser Asp Glu Trp  
 36 20 25 30  
 37 Ile Val Thr Arg Thr Gly Ile Arg Glu Arg His Ile Ala Ala Pro Asn  
 38 35 40 45  
 39 Glu Thr Val Ser Thr Met Gly Phe Glu Ala Ala Thr Arg Ala Ile Glu  
 40 50 55 60  
 41 Met Ala Gly Ile Glu Lys Asp Gln Ile Gly Leu Ile Val Val Ala Thr  
 42 65 70 75 80  
 43 Thr Ser Ala Thr His Ala Phe Pro Ser Ala Ala Cys Gln Ile Gln Ser  
 44 85 90 95  
 45 Met Leu Gly Ile Lys Gly Cys Pro Ala Phe Asp Val Ala Ala Ala Cys  
 46 100 105 110  
 47 Ala Gly Phe Thr Tyr Ala Leu Ser Val Ala Asp Gln Tyr Val Lys Ser  
 48 115 120 125  
 49 Gly Ala Val Lys Tyr Ala Leu Val Val Gly Ser Asp Val Leu Ala Arg  
 50 130 135 140  
 51 Thr Cys Asp Pro Thr Asp Arg Gly Thr Ile Ile Phe Gly Asp Gly  
 52 145 150 155 160  
 53 Ala Gly Ala Ala Val Leu Ala Ala Ser Glu Glu Pro Gly Ile Ile Ser  
 54 165 170 175  
 55 Thr His Leu His Ala Asp Gly Ser Tyr Gly Glu Leu Leu Thr Leu Pro  
 56 180 185 190  
 57 Asn Ala Asp Arg Val Asn Pro Glu Asn Ser Ile His Leu Thr Met Ala  
 58 195 200 205  
 59 Gly Asn Glu Val Phe Lys Val Ala Val Thr Glu Leu Ala His Ile Val  
 60 210 215 220  
 61 Asp Glu Thr Leu Ala Ala Asn Asn Leu Asp Arg Ser Gln Leu Asp Trp

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62 225
63 Leu Val Pro His Gln Ala Asn Leu Arg Ile Ile Ser Ala Thr Ala Lys
64 245 250 255
65 Lys Leu Gly Met Ser Met Asp Asn Val Val Thr Leu Asp Arg His
66 260 265 270
67 Gly Asn Thr Ser Ala Ala Ser Val Pro Cys Ala Leu Asp Glu Ala Val
68 275 280 285
69 Arg Asp Gly Arg Ile Lys Pro Gly Gln Leu Val Leu Leu Glu Ala Phe
70 290 295 300
71 Gly Gly Gly Phe Thr Trp Gly Ser Ala Leu Val Arg Phe
72 305 310 315
75 <210> SEQ ID NO: 2
76 <211> LENGTH: 28
77 <212> TYPE: DNA
78 <213> ORGANISM: Escherichia coli
80 <400> SEQUENCE: 2
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83 <210> SEQ ID NO: 3
84 <211> LENGTH: 30
85 <212> TYPE: DNA
86 <213> ORGANISM: Escherichia coli
88 <400> SEQUENCE: 3
89 atatggatcc ctagaaacga accagcgcg

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/980,945

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number